

# CHEVALINE RENEW

## High-build coating for asphaltic roofing substrates

May 2024

### PURPOSE AND AREAS OF USE:

A water-based, high-build coating designed specifically for application to asphaltic roofing substrates. It has excellent adhesion to aged and new asphaltic and modified bitumen surfaces as well as excellent bleeding resistance under extended ponding water conditions.

As well as a topcoat in its own right, Renew may also be used as an adhesion promoting sealer for the application of other coatings to asphaltic surfaces.

### PRODUCT:

A pigmented, tough and flexible coating based on a new generation, modified acrylic polymer.

### PROCESS COMPATIBILITY:

Excellent adhesion to new and aged asphalt surfaces, and to new and aged modified bitumen roofing membranes.

### COLOUR:

A limited range of colours available. Special colours can be supplied but will need to be factory tinted and may be subject to price premiums and minimum order quantities.

### STANDARD PACKS:

4 litre and 15 litre plastic containers.

### PHYSICAL PROPERTIES:

Liquid Material	
Solids (% by volume)	50%
Specific gravity	1.375
Flash point	N/A
Shelf life	2 years
Appearance	Heavy bodied pigmented liquid

Applied Coating	
Flexibility	Passes 3 mm mandrel
Durability	Excellent long term service can be expected. Formulated for maximum UV resistance and weatherability
Chemical resistance	Resistant to atmospheric pollutants encountered by urban, commercial, and light industrial areas
Adhesion to Bitumen (APP, APAO, SBS modified)	New - excellent Aged - excellent
Normal filter thickness	125 microns per coat (DFT)
Fungal/mould resistance	Chevaline Renew contains a highly effective fungal/mould resistance additive, which is free from toxic metals and phenol

### APPLICATION METHOD:

Roller or airless spray are the recommended application methods. The material is thixotropic and is not suitable for large scale brush application. In all cases, apply straight from the container.

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**APPLICATION PROPERTIES:**

**Spreading Rate:** 4-5 m<sup>2</sup>/litre/coat

Note: A full, protective or rejuvenating Chevaline Renew system consists of a minimum of two (2) coats applied at the above spreading rate. More coats may be required depending on substrate condition.

**Dry Time (at normal conditions):**

Touch dry	1-2 hours
Through dry	12-24 hours
Full dry	7-10 days

Note: Normal conditions are 18-23°C and 60-70% relative humidity. Cooler or more humid conditions will prolong the dry times.

**Thinning/Clean Up:**

Use clean water for both. Clean equipment immediately after use.

**MAINTENANCE:**

Chevaline Renew membrane should be checked for damage annually and for recoating after 5 years. Clean when required using low pressure water spray and a dilute neutral detergent solution (cold or warm, not hot).

**STORAGE:**

Chevaline Renew requires no special storage conditions other than protection from temperatures greater than 40°C and protection from frost.

**HEALTH AND SAFETY:**

Chevaline Renew is a waterborne product and is non flammable. Apply barrier cream to hands and wear eye protection when applying/handling this material. Wear a particulate mask when spraying and a cartridge mask when applying in confined spaces with poor ventilation.

**Transport classification:** No restriction

**WARNINGS AND BANS:**

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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**MANUFACTURERS CONTACT DETAILS:**

Manufacture location	New Zealand
Legal and trading name of manufacturer	Equus Industries Ltd.
Manufacturer address for service	4 Sheffield Street, Blenheim 7274
Manufacturer website	www.equus.nz
Manufacturer email	info@equus.nz
Manufacturer phone number	03 578 0214
Manufacturer NZBN	9429032000306